

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER G-06-039

Relating to Independent Contractor Approval under
Section 91207, Title 17, California Code of Regulations

TRC

WHEREAS, the Air Resources Board (ARB), pursuant to section 41512 of the California Health and Safety Code, has established the procedures contained in sections 91200-91220, title 17, California Code of Regulations, to allow the use of independent testers for compliance tests required by ARB; and

WHEREAS, it has been determined that TRC meets the requirements of ARB for conducting ARB Test Methods 1, 2, 2A, 3, 4, 5, 6, 8, 11, 16A (Tutwiler), 20, 100 (CO, CO₂, NO_x, O₂, SO₂, THC), 501, United States Environmental Protection Agency Test Methods 18, 19 (determining the emission rate of NO_x, on an hourly basis, if the appropriate F factors can be determined from Table 19-2 of the method), and Visible Emissions Evaluation (VEE) pursuant to sections 91200-91220, title 17, California Code of Regulations, when the following conditions are met:

1. TRC permanently marks or engraves an identification number on each of its pitot tubes.
2. TRC calibrates its magnehelic gauges and electronic micromanometers after each test series and establishes and maintains a log for the calibrations.
3. TRC uses a barometer capable of measuring atmospheric pressure to within 2.5 mm Hg or it may use a barometric reading from a nearby national weather service station to obtain the atmospheric pressure. If it uses a barometric reading from a nearby national weather service station it must adjust the reading as described in ARB Method 5, Section 2.1.9.
4. TRC establishes and maintains a log for the calibration of its dry gas meter.
5. TRC uses calibrated weights for calibrating its balances.
6. TRC uses a laboratory grade preweighed aluminum weighing dish, as required.
7. TRC establishes and maintains calibration and laboratory log books. These books must contain, at a minimum, calibration data on their balances, nozzles, thermometers, and meter boxes. They must also contain log information on the weight check, zero check, tare, balance room temperature, and relative humidity data.

8. TRC checks its Thorin indicator solution against a known before use. If TRC conducts the titration away from the laboratory, it must check the Thorin before it leaves the laboratory and before use in the field.
9. TRC participates in the U.S. EPA Stationary Source Compliance Audit Program for approved methods, if available.
10. TRC installs and uses a needle valve, or equivalent, made from stainless steel or other corrosion-resistant material to adjust gas flow rate for ARB Test Method 11.
11. TRC inserts a small surge tank between the pump and rate meter as required by ARB Test Method 11.
12. TRC uses a needle valve or critical orifice to set air purge flow to 1 liter/min as required by ARB Test Method 11.
13. TRC includes the following information on all strip charts: the pollutant of interest, source, analyzer range, date and time, zero offsets, and the name of the person operating the instruments.
14. TRC uses a 40% H_2 /60%He or a 40% H_2 /60% N_2 blend, as appropriate, as fuel for its hydrocarbon analyzer.
15. The person performing VEE is certified to conduct VEE by a certifying body recognized by ARB at the time of the test.

WHEREAS, ARB's Executive Officer, pursuant to Health and Safety Code section 39516, issued Executive Order G-02-008 delegating to the Chief of ARB Monitoring and Laboratory Division the authority to approve independent testers in accordance with title 17, California Code of Regulations, sections 91200-91220.

NOW, THEREFORE, I, William V. Loscutt, Chief of ARB Monitoring and Laboratory Division, order that TRC is granted an approval, from the date of execution of this order until June 30, 2007, to conduct the tests listed above, subject to compliance with sections 91200-91220, title 17, California Code of Regulations.

IT IS FURTHER ORDERED that, during the approved period, the Executive Officer or his or her authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 26th day of June 2006.

Original signed by

William V. Loscutt, Chief
Monitoring and Laboratory Division